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Customer Number

Patent
Case No.: 49286US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: JOHNSON, MICHAEL A.
Patent No.: 7575653 Application No.: 08/421055
Dated: August 18, 2009 Confirmation No. 5806
Title: MELT-FLOWABLE MATERIALS AND METHOD OF SEALING
SURFACES

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322

Commissioner for Patents
Office of Publication
Attn: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]
I hereby certify that this correspondence is being:
☒ transmitted to United States Patent and Trademark Office on the date shown
below via the Office electronic filing system.
January 12, 2010 Carla Paine
Date Signed by:

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

Because the listed errors first occurred in the printed patent, and are not due to Applicant's mistake, no fee is required in connection with this Certificate of Correction.

Fees

- ☒ Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
- ☒ Please credit any overpayment to the same deposit account.

Respectfully submitted,

1/12/10
Date
Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

By: Harold C. Knecht III
Harold C. Knecht III, Reg. No.: 35,576
Telephone No.: 651-575-1056

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 6

PATENT NO.: 7575653
DATED: August 18, 2009
FIRST NAMED INVENTOR: JOHNSON, MICHAEL A.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2

Line 12; delete " nonwvoven " and insert - - nonwoven - -, therefor.

Column 3

Line 30; delete " the, " and insert - - the - -, therefor.

Column 5

Line 9; delete " seat " and insert - - seal - -, therefor.

Column 5

Line 21; delete " of en " and insert - - oven - -, therefor.

Column 5

Line 38; delete " thermoset, " and insert - - thermoset. - -, therefor.

Column 7

Line 45; delete " waxes A " and insert - - waxes. A - -, therefor.

MAILING ADDRESS OF SENDER:

OFFICE OF INTELLECTUAL PROPERTY COUNSEL
3M INNOVATIVE PROPERTIES COMPANY
3M CENTER - P.O. BOX 33427
SAINT PAUL, MINNESOTA 55133-3427

PATENT NO. 7575653

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PATENT NO.: 7575653
DATED: August 18, 2009
FIRST NAMED INVENTOR: JOHNSON, MICHAEL A.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9

Line 27-28; delete " epoxycyclo-hexan(carboxylates, " and insert - - epoxycyclo-hexanecarboxylates, - -, therefor.

Column 9

Line 30; delete " methylcyclohexane " and insert - - methylcyclohexane - -, therefor.

Column 9

Line 44; delete " 6 Examples " and insert - - 6. Examples - -, therefor.

Column 9

Line 56; after " those " delete " H ".

Column 10

Line 14; delete " photoinitiator " and insert - - photoinitiators - -, therefor.

Column 15

Line 19; delete " Radiation. " and insert - - radiation. - -, therefor.

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Page 3 of 6

PATENT NO.: 7575653
DATED: August 18, 2009
FIRST NAMED INVENTOR: JOHNSON, MICHAEL A.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19

Line 16; delete " above, " and insert - - above; - -, therefor.

Column 19

Line 23; after " for " delete " 20 ".

Column 22

Line 63; delete " beating, " and insert - - heating, - -, therefor.

Column 24

Line 18; delete " viscous " and insert - - viscous; - -, therefor.

Column 24

Line 19; delete " liquified), " and insert - - liquified); - -, therefor.

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PATENT NO.: 7575653
DATED: August 18, 2009
FIRST NAMED INVENTOR: JOHNSON, MICHAEL A.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 24

Line 21; after " paint " delete " M ".

Column 24

Line 21; delete " cure), " and insert - - cure); - -, therefor.

Column 24

Line 22; delete " appearance; , " and insert - - appearance; - -, therefor.

Column 26

Line 9; delete " prototype " and insert - - prototype. - -, therefor.

Column 26

Line 12; after " strip " insert - - , - -.

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Page 5 of 6

PATENT NO.: 7575653
DATED: August 18, 2009
FIRST NAMED INVENTOR: JOHNSON, MICHAEL A.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 26-27

Lines 50-67 & 1-12; delete " A 50/50 mixture of butyl acrylate and N-vinyl caprolactam was mixed to form a solution. A melt-flowable composition (57.7% acrylate and 42.3% epoxy) was prepared by mixing 75 parts of butyl acrylate, 75 parts of the butylacrylate/N-vinyl caprolactam solution, 50 parts of a butyl methacrylate/methyl methacrylate copolymer (AcryloidTMB-60, available from Rohm and Haas, Co.) and 110 parts of a diglycidyl ether oligomer of bisphenol-A (EponTM1001) in a jar on a roller mill until the epoxy and copolymer were in solution. To the solution were added 0.15 part of 2,2-dimethoxy-2-phenyl acetophenone (IrgacureTM651, available from Ciba-Geigy), 0.15 part anti-oxidant (IrganoxTM1010, available from Ciba-Geigy), 1.0 part carbon tetrabromide, 3.86 parts dicyandiamide (DYHARDTM100, available from SKW Chemical), 1.38 parts hexakis (imidazole)nickel phthalate, 2 parts glass bubbles (C15-250 Glass Bubbles available from Minnesota Mining and Manufacturing Co), and 7 parts of silica (Cab-o-silTMM-5, available from Cabot Corp.) The composition was mixed with a high shear mixer and then mixed on a roller mill for about 24 hours. The composition was then degassed and knife coated to a thickness of about 2.0 mm between 0.05 mm thick polyester liners which had been silicone coated. The coated composition was then exposed to ultraviolet light sources having 90% of the emissions between 300 and 400 nm with a maximum at 351 nm. The light intensity above the web was 1.88 mW/cm² (milliwatts/square centimeter) and 1.29 mW/cm². The total energy used was 653.8 millijoules. The resulting melt-flowable tape was substantially tack-free at room temperature (about 21° C.). " and insert the same below " follows: " as a new paragraph on Column 26, Line 51.

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PATENT NO.: 7575653
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FIRST NAMED INVENTOR: JOHNSON, MICHAEL A.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 26

Line 67; delete " Co), " and insert - - Co.), - -, therefor.

Column 27

Line 10; delete " W/cm² " and insert - - W/cm². - -, therefor.

Column 28

Line 19; delete " mJcm²were " and insert - - mJcm² were - -, therefor.

Column 28

Line 23; delete " (HA) " and insert - - (HMA) - -, therefor.

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